



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Milligan et al.

Serial No. 09/919,699

Filed: 07/31/2001

For: FLUID EJECTING DEVICE
WITH FLUID FEED SLOT

Art Unit: 2853

Examiner: Nguyen, L.

June 25, 2003

10/12 (HET)
J. Steptue
7-8-03
T.S.
9-15-03

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, D.C. 20231

BEST AVAILABLE COPY

RECEIVED
JUN - 7 2003
TECHNOLOGY CENTER 2800

Sir:

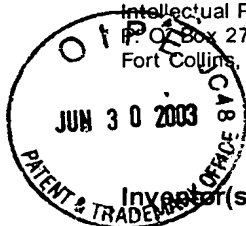
This is in response to an office action mailed April 1, 2003 in the above-referenced application.

Please add new Claims 28-30 as follows:

28. (NEW) A fluid ejecting device comprising:
a silicon substrate having a <100> crystalline orientation;
a plurality of fluid drop generators formed on a first surface of said silicon substrate;
a fluid feed slot extending from a second surface of said silicon substrate to said first surface;
said fluid slot formed by deep reactive ion etching the second surface of the silicon substrate followed by anisotropic wet etching, and having an opening at the first surface having a width W1 that is less than a width W2 of an opening at the second surface.

Pat
Cont

29. (New) A fluid ejecting device comprising:
a silicon substrate having a <100> crystalline orientation;



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): MILLIGAN et al.

Confirmation No.: 5384

Application No.: 09/919,699

Examiner: NGUYEN, LAM S

Filing Date: Jul 31, 2001

Group Art Unit: 2853

Title: FLUID EJECTING DEVICE WITH FLUID FEED SLOT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

BEST AVAILABLE COPY

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
() Other: (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	16	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	6	MINUS	4	= 2	X \$84	\$ 168
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$280	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$410.00	3RD MONTH \$930.00	4TH MONTH \$1450.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 168

Charge \$ 168 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

MILLIGAN et al.

By

Peter Reitan

Attorney/Agent for Applicant(s)
Reg. No. 48,603

Date of Deposit: Jun 25, 2003

Typed Name: Colette Angle-Olson

Signature:

Colette Angle-Olson

Date: Jun 25, 2003